

Title (en)
MANUFACTURE OF FIELD ACTIVATED COMPONENTS BY STEREOLITHOGRAPHY

Title (de)
HERSTELLUNG VON AM EINSATZORT AKTIVIERTEN KOMPONENTEN DURCH STEREOLITHOGRAPHIE

Title (fr)
FABRICATION PAR STÉRÉOLITHOGRAPHIE DE COMPOSANTS ACTIVÉS PAR CHAMPS

Publication
EP 2277178 A2 20110126 (EN)

Application
EP 09734809 A 20090414

Priority

- US 2009002321 W 20090414
- US 12404608 P 20080414

Abstract (en)
[origin: US2009261287A1] There is disclosed stereolithographic manufacture of more complex components including at least one active material without the need for fabrication. Fabrication can introduce component discontinuities that hinder performance of the final component. Thus, some embodiments entail a method of manufacture for complex, field activated components such as piezoelectric or magnetostrictive sensors or actuators.

IPC 8 full level
H01F 1/00 (2006.01); **B29C 35/08** (2006.01); **B29C 67/00** (2006.01); **B29C 70/88** (2006.01); **C08K 3/08** (2006.01); **H10N 30/092** (2023.01); **H10N 30/857** (2023.01); **H10N 35/00** (2023.01); **H10N 35/01** (2023.01)

CPC (source: EP US)
B29C 64/124 (2017.08 - EP US); **B29C 64/135** (2017.08 - EP US); **B29C 64/165** (2017.08 - EP US); **B29C 70/88** (2013.01 - EP US); **B33Y 70/10** (2020.01 - EP US); **H10N 30/092** (2023.02 - EP US); **H10N 35/01** (2023.02 - EP US); **B29K 2105/167** (2013.01 - EP US); **B29K 2995/0008** (2013.01 - EP US); **B33Y 80/00** (2014.12 - EP US); **H01F 1/0558** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2009261287 A1 20091022; **US 8961858 B2 20150224**; EP 2277178 A2 20110126; EP 2277178 A4 20110420; WO 2009131636 A2 20091029; WO 2009131636 A3 20091230

DOCDB simple family (application)
US 38616809 A 20090414; EP 09734809 A 20090414; US 2009002321 W 20090414